Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019990.D
Acq On : 7 Dec 2015 20:54
Operator : UM/NP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 08 00:10:17 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18736	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	81981	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	55716	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	135803	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	165780	20.00	ng		-0.03
86) Perylene-d12	25.04	264	156351	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	90579	87.38	ng		-0.01
7) Phenol-d6	7.26	99	134351	85.84	ng		-0.01
23) Nitrobenzene-d5	9.28	82	139740	86.99	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	65768	77.15	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	333915	81.83	ng		-0.02
78) Terphenyl-d14	20.08	244	554865	81.64	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	17800	44.08	ng	#	100
3) Pyridine	3.93	79	54113	44.12	ng	#	87
4) n-Nitrosodimethylamine	3.84	42	24791	38.43	ng		84
6) Aniline	7.43	93	85965	42.41	ng	#	84
8) 2-Chlorophenol	7.67	128	53720	42.50	ng		93
9) Benzaldehyde	7.24	77	39123	37.48	ng		93
10) Phenol	7.29	94	72605	44.08	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	52682	43.18	ng		88
12) 1,3-Dichlorobenzene	8.00	146	60069	41.92	ng	#	92
13) 1,4-Dichlorobenzene	8.15	146	61251	41.39	ng		93
14) 1,2-Dichlorobenzene	8.47	146	58215	41.25	ng		94
15) Benzyl Alcohol	8.35	79	53943	39.27	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	83497	41.96	ng		94
17) 2-Methylphenol	8.55	107	49509	42.57	ng	#	94
18) Hexachloroethane	9.20	117	22748	41.05	ng		98
19) n-Nitroso-di-n-propylamine	8.92	70	47752	38.69	ng	#	93
20) 3+4-Methylphenols	8.88	107	68546	41.86	ng		93
22) Acetophenone	8.94	105	92865	41.32	ng	#	92
24) Nitrobenzene	9.32	77	77436	44.44	ng		91
25) Isophorone	9.85	82	135449	39.33	ng	#	96
26) 2-Nitrophenol	10.04	139	32915	48.91	ng	#	75
27) 2,4-Dimethylphenol	10.09	122	57289	40.88	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	70041	41.62	ng		99
29) 2,4-Dichlorophenol	10.57	162	60150	42.01	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	66088	40.84	ng		95
31) Naphthalene	10.98	128	181773	41.39	ng		99
32) Benzoic acid	10.21	122	46251	48.85	ng	#	88
33) 4-Chloroaniline	11.08	127	77463	40.03	ng	#	92
34) Hexachlorobutadiene	11.26	225	46311	38.80	ng		98
35) Caprolactam	11.86	113	20726	38.89	ng	#	71
36) 4-Chloro-3-methylphenol	12.19	107	70802	39.71	ng		97
37) 2-Methylnaphthalene	12.58	142	128086	39.80	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	87540	41.40	ng		99
40) Hexachlorocyclopentadiene	12.92	237	43534	36.11	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	57050	40.75	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	61558	41.61	ng		97
45) 1,1'-Biphenyl	13.58	154	187651	41.04	ng		99
46) 2-Chloronaphthalene	13.63	162	145301	41.23	ng		95
47) 2-Nitroaniline	13.82	65	50367	45.25	ng		89
48) Acenaphthylene	14.47	152	242464	40.39	ng		100
49) Dimethylphthalate	14.20	163	189569	37.82	ng		98
50) 2,6-Dinitrotoluene	14.31	165	41457	44.00	ng	#	76
51) Acenaphthene	14.81	154	147629	40.53	ng		99
52) 3-Nitroaniline	14.64	138	42881	43.80	ng		94
53) 2,4-Dinitrophenol	14.84	184	16296	38.00	ng		91
54) Dibenzofuran	15.14	168	214072	39.50	ng		94
55) 4-Nitrophenol	14.94	139	33659	39.48	ng	#	61
56) 2,4-Dinitrotoluene	15.09	165	59586	45.32	ng	#	90
57) Fluorene	15.79	166	184785	38.10	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	54523	39.82	ng		97
59) Diethylphthalate	15.55	149	198939	36.68	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	106009	38.06	ng		97
61) 4-Nitroaniline	15.80	138	46705	42.42	ng	#	74
62) Azobenzene	16.07	77	171261	37.95	ng		96
64) 4,6-Dinitro-2-methylphenol	15.86	198	33558	44.50	ng		97
65) n-Nitrosodiphenylamine	15.99	169	162515	41.35	ng		95
66) 4-Bromophenyl-phenylether	16.67	248	68139	40.38	ng		95
67) Hexachlorobenzene	16.79	284	72836	41.43	ng		97
68) Atrazine	16.93	200	67463	39.51	ng		97
69) Pentachlorophenol	17.13	266	45394	44.24	ng		94
70) Phenanthrene	17.53	178	314236	40.90	ng		96
71) Anthracene	17.62	178	321684	41.10	ng		96
72) Carbazole	17.89	167	281469	40.83	ng		97
73) Di-n-butylphthalate	18.44	149	349811	41.40	ng		98
74) Fluoranthene	19.53	202	401634	40.87	ng		94
76) Benzidine	19.71	184	204060	37.47	ng		98
77) Pyrene	19.89	202	408446	41.88	ng		95
79) Butylbenzylphthalate	20.77	149	163272	42.71	ng		98
80) Benzo(a)anthracene	21.74	228	422459	41.63	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	150303	38.89	ng		99
82) Chrysene	21.81	228	391869	40.67	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	236229	42.11	ng		96
84) Di-n-octyl phthalate	22.87	149	402443	44.12	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.80	276	457932	43.14	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	404781	40.85	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	390188	39.76	ng	#	93
89) Benzo(a)pyrene	24.88	252	384698	40.89	ng	#	97
90) Dibenzo(a,h)anthracene	28.86	278	380180	40.90	ng	#	93
91) Benzo(g,h,i)perylene	29.97	276	368673	40.40	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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